

ABSTRACT

[0022] An internal slip connector useful for attaching tools or other devices to the inside wall of a conduit, the connector having a mandrel with a head end, a threaded end, a reduced-diameter shaft section disposed between the head end and the threaded end, two abutting slip segments loosely disposed around the mandrel between the head end and an upper extending portion of the threaded end, and a nut threaded onto the mandrel below the slip segments. When tightened following insertion of the slip segments into the conduit, the nut causes the slip segments to slide radially outward along an oblique interface between them. Gripping surfaces disposed on the outside of the slip segments are thereby pressed into engagement with the inside wall of the conduit. The internal slip connector can be used with coiled tubing of various wall thicknesses and is easily released after loosening the threaded nut.